

M A T E R I A L S A F E T Y D A T A S H E E T

SAFE STRIP

Page: 1

PRODUCT NAME: SAFE STRIP
PRODUCT CODE: PR-113

HMIS CODES: H F R P
1 2 0 D

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: LANCO MFG. CORP.
ADDRESS : URB. APONTE #5
 SAN LORENZO, PUERTO RICO
 00754
EMERGENCY PHONE : (787) 736-4200 DATE PRINTED : 12/05/02
INFORMATION PHONE : (787) 736-4200 NAME OF PREPARER : LANCO MFG.CORP.

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
1-METHYL-2-PYRROLIDONE	872-50-4	1 68 F	
OSHA PEL: N/A, ACGIH TLV: N/A			
* TRIPROPYLENE GLYCOL METHYL ETHER	25498-49-1.02	77 6.3	

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 396 deg F - 468 deg F SPECIFIC GRAVITY (H2O=1): 1.04
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 8.60 lb/gal MATERIAL V.O.C.: 8.60 lb/gal
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR: FRUIT ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 196 deg F METHOD USED: ASTM D9373
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3 UPPER: 9.5

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES
RESPIRATORY EQUIPMENT SHOULD BE WORN TO AVOID INHALATION OF CONCENTRATED
VAPOR. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS
EXTREMELY FLAMMABLE. VAPORS MAY IGNITE EXPLOSIVELY AND/OR CAUSE FLASH FIRES.
ELIMINATE SOURCES OF IGNITION. NO SMOKING. USE ADEQUATE CROSS VENTILATION
SUFFICIENT TO REMOVE ODOR OF SOLVENT AND VAPORS.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID
EXCESSIVE HEAT, POOR VENTILATION, CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

INCOMPATIBILITY (MATERIALS TO AVOID)
STRONG OXIDIZING AGENTS, STRONG ACIDS AND OXIDIZING MATERIALS, ALKALINE
MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

M A T E R I A L S A F E T Y D A T A S H E E T

SAFE STRIP

Page: 2

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

ACUTE SIGNS OF OVEREXPOSURE COULD BE HEADACHE, DIZZINESS NAUSEA, UPPER
RESPIRATORY DRYNESS OR IRRITATION, DROWSINESS, MENTAL DEPRESSION OR NARCOSIS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: SEVERE IRRITATION, TEARING, REDNESS AND BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN CONTACT: CAN DRY AND DEFEAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND
DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, LOSS OF COORDINATION. EYE
CONTACT-SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT-
CAN DRY AND DEFEAT SKIN CAUSING CRACKS, IRRITATION AND DERMATITIS. INGESTION-CAN
CAUSE GASTROINTESTINAL IRRITATION, VOMITING NAUSEA, DIARRHEA. NO CHRONIC HEALTH
EFFECTS.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
NONE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

ANESTHESIA, RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION OVEREXPOSURE - MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY
ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH
WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY
WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION DO NOT INDUCE VOMITING, CAN
CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICAL IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE SOURCES OF IGNITIONS, PROVIDE GOOD VENTILATION, DIKE SPILL AREA ADD
ABSORBENT EARTH OR SAWDUST TO SPILLED LIQUID. THOROUGHLY WET W/ WATER AND MIX.

WASTE DISPOSAL METHOD

COLLECT ABSORBENT/ WATER/ SPILLED LIQUID MIXTURE INTO METAL CONTAINERS AND ADD
ENOUGH WATER TO COVER. CONSULT LOCAL, STATE & FEDERAL HAZARDOUS WASTE REGULATION
BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAW.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE 60-95 F OUT OF SUN. USE ADEQUATE
VENTILATION TO AVOID BREATHING VAPOR WHEN COVER REMOVED. KEEP AWAY EXCESSIVE HEAT
AND OPEN FLAMES.

OTHER PRECAUTIONS

GROUND ALL EQUIPMENT WHEN HANDLING FLAMMABLE SOLVENT BORNE MATERIALS. SMOKING IN
AREA WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

WHEN SPRAYING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS AND VAPOR CONCENTRATIONS BELOW THE TIME WEIGHTED THRESHOLD LIMIT VALUES. WHEN USING IN POORLY VENTILATED AND CONFINED

M A T E R I A L S A F E T Y D A T A S H E E T

SAFE STRIP

Page: 3

SPACES, USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF- CONTAINED BREATHING APPARATUS.

VENTILATION

SUFFICIENT TO KEEP WORKROOM CONCENTRATION BELOW TLV. VENTILATION EQUIP. MUST BE EXLPOSITION PROOF.

PROTECTIVE GLOVES

CHEMICALS RESISTANT GLOVES.

EYE PROTECTION

USE CHEMICAL SAFETY GLASSES, GOGGLES, AND FACESHIELDS FOR EYE PROTECTION.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS WHENEVER POSSIBLE IS STRONGLY RECOMMENDED.

WORK/HYGIENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE IS RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

The information contained herein is based on data believed by this company to be accurate, but we do not assume any liability for its accuracy. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. The manner of that use and whether there is any infringement of patents is the sole responsibility of the user.

PR113.TXT